



Patent
Attorney's Docket No. 003510-089

#IDS
14
8/25/03
R.C.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Yoshiyuki YASUI et al.

Application No.: 09/824,143

Filed: April 3, 2001

For: BRAKING FORCE DISTRIBUTION
CONTROL DEVICE

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)
) Group Art Unit: 3683

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) Examiner: B. King

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) Confirmation No.: 8922

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**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☒ Charge \$ 180.00 to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: August 25, 2003

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By: Matthew L. Schneider
Matthew L. Schneider
Registration No. 32,814



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FOURTH INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.56, the following information is brought to the Examiner's attention.

In the remarks accompanying the Amendment recently filed on July 25, 2003, the undersigned made reference to the Information Disclosure Statement filed on November 5, 2001 in which the Examiner's attention was directed to U.S. Application Serial No. 09/824,131 (now U.S. Patent No. 6,377,885). In that same information Disclosure Statement, the Examiner's attention was also directed to U.S. Application Serial No. 09/824,835. A copy of each application was provided and the Examiner was respectfully asked to acknowledge consideration of both applications by initialling the second page of the Information Disclosure Statement and returning an initialed copy of the Information Disclosure Statement. An initialed copy of the Information Disclosure Statement has not

yet been returned and the Examiner is thus respectfully asked to return an initialed coy of the Information Disclosure Statement in the next communication.

In addition, the Examiner is kindly asked to consider and make of record the documents cited in the aforementioned two applications which have not yet been considered and made of record in this application. Those documents are listed below.

The following documents were cited during prosecution of copending Application No. 09/824,835.

U.S. Patent No. 6,027,182.

U.S. Patent No. 6,125,319.

U.S. Patent No. 6,132,014.

U.S. Patent No. 6,203,121.

U.S. Patent No. 6,266,602.

U.S. Patent No. 6,308,126.

U.S. Patent No. 6,324,461.

U.S. Patent No. 6,443,534.

U.S. Patent No. 6,485,111.

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Japanese Patent Application Laid-Open No. 6-179361. A discussion of relevance of this document is set forth on page one of copending Application No. 09/824,835. An English-language abstract of this document is also attached for the Examiner's convenience.

Japanese Patent Application Laid-Open No. 9-263233. A discussion of relevance of this document is set forth on pages one and two of copending Application No. 09/824,835. An English-language abstract of this document is also attached for the Examiner's convenience.

Japanese Patent Application Laid-Open No. 10-273022. A discussion of relevance of this document is set forth on page two of copending Application No. 09/824,835. An English-language abstract of this document is also attached for the Examiner's convenience.

Japanese Patent Laid-Open No. 11-263203. An English-language abstract of this document is attached.

Japanese Patent Application No. 10-281660 (Publication No. 2000-108863). A discussion of relevance of this document is set forth on page 18 of copending Application No. 09/824,835. An English-language abstract of this document is attached for the Examiner's convenience.

The following two documents were cited in an Official Letter issued by the German Patent Office in connection with a German application corresponding to copending Application No. 09/824,835.

German Offenlegungsschrift No. 197 37 779. An English-language abstract of this document is also attached for the Examiner's convenience. This document was cited in the Official Letter as disclosing assist methods which also take into consideration friction values between one, several or all wheels and the road.

German Offenlegungsschrift No. 198 60 044. An English-language abstract of this document is also attached for the Examiner's convenience. This document was cited in the Official Letter as disclosing a braking force control device comprising a wheel speed detecting means for detecting the wheel speed of a wheel, a device for estimating a road surface friction coefficient μ for each wheel (see Fig. 3), a braking operation detecting means for detecting a braking operation by which a brake pedal is depressed, and an assist control (see Fig. 4) which takes into consideration the estimated road surface friction coefficients μ .

The following documents were cited during prosecution of Application No. 09/824,131, now U.S. Patent No. 6,377,885 (copy attached).

U.S. Patent No. 6,266,600.

U.S. Patent No. 6,272,417.

Japanese Patent Application Laid-Open No. 7-165053. A discussion of relevance of this document is set forth on page three of Application No. 09/824,131.

Japanese Patent Publication No. 11-321617. An English-language abstract of this document is attached.

Japanese Patent Publication No. 11-334637. An English-language abstract of this document is attached.

Japanese Patent Application Laid-Open No. 2000-118375. A discussion of relevance of this document is set forth on pages three and four of Application No. 09/824,131.

To assist the Examiner in entering the foregoing information into the record, the above-noted documents are cited on the attached form PTO-1449 and copies of the documents are enclosed.

It is noted also that an Information Disclosure Statement was filed in connection with this application on February 21, 2003. An initialed, signed and dated copy of form PTO-1449 submitted with that Information Disclosure Statement has not yet been returned. Also, an initialed, signed and dated copy of form PTO-1449 submitted with the Information Disclosure Statement filed on November 5, 2001 has not been returned. The Examiner is thus respectfully requested to provide initialed, signed and dated copies of the aforementioned forms PTO-1449.

As a final matter, it is noted that one of the documents cited in the Information Disclosure Statement filed on August 3, 2001 is Japanese Published Application No. 4-224449. Through an inadvertent typographical error, this document was listed on the form PTO-149 as Japanese document No. 4-22449. To correct this matter, Japanese Published Application No. 4-224449 is correctly identified on the attached form PTO-1449.

The Examiner is respectfully requested to consider the foregoing information and to acknowledge such consideration by initialling, signing and returning the enclosed additional copy of form PTO-1449.

Respectfully submitted,

BURNS, DOANE, SWECKER, & MATHIS, L.L.P.

Date: August 25, 2003

By: Matthew L. Schneider
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